

20000220.qrp v01\_n737.qrl.20000220

Date: Sun, 20 Feb 2000 19:03:04 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1737

QRP-L Digest 1737

Topics covered in this issue include:

- 1) [63645] Re: OT: CD-Rom  
by "Mike Yetsko" <myetsko@insydesw.com>
- 2) [63646] MFJ CUB....working FB!  
by tom whalen <wb5qyt@eFortress.com>
- 3) [63647] New call?  
by N10DL@aol.com
- 4) [63648] Construction: SST Schematic on the Web  
by "Doug Hendricks" <ki6ds@dospalos.org>
- 5) [63649] HW8 Meter Needed...??  
by "Andy GM0NWI" <Gm0nwi@tesco.net>
- 6) [63650] FOR THE ATTENTION OF WV3T  
by "Andy GM0NWI" <Gm0nwi@tesco.net>
- 7) [63651] Free Email and QRP-L  
by lnrr@juno.com
- 8) [63652] Portable Ant. for 40M Help  
by Ronnie Davis <ke4vpn@yahoo.com>
- 9) [63653] Need help with Code on the air  
by Ronnie Davis <ke4vpn@yahoo.com>
- 10) [63654] HW-9 FS  
by "Robert Armstrong" <barmstrong@sisna.com>
- 11) [63655] SST RIT  
by Roy <marion@montana.com>
- 12) [63656] Re: New call? vv7x  
by Ray Colbert <af852@rgfn.epcc.edu>
- 13) [63657] Re: Need help with Code on the air  
by Shephed@aol.com
- 14) [63658] DXCC being cut short...DARN  
by N10DL@aol.com
- 15) [63659] Component Id Help  
by Ed Kessler <edkess@epix.net>
- 16) [63660] [CLUBS] AF4PS Report on the West FL QRP Club Meeting, Feb. 19, 2000  
(long)  
by Macstein@aol.com
- 17) [63661] OT Commodore Vic 20  
by Thomas Upton <stjohn@ocsnet.net>
- 18) [63662] 49er questions  
by "Rod, N0RC" <n0rc@yahoo.com>

- 19) [63663] JA's on 160m  
by Monte Stark <ku7y@dri.edu>
- 20) [63664] Re: Free Email and QRP-L  
by Charles R Greene <cgreene7@juno.com>
- 21) [63665] Re: [CLUBS] AF4PS Report on the West FL QRP Club Meeting, Feb. 19, 2000  
(long)  
by Dick Carroll <dixie@townsqsr.com>
- 22) [63666] PIC Programmer  
by "WB8QYY \ (DIZ\ ) Dieter Gentzow" <wb8qyy@one.net>
- 23) [63667] Re: [CLUBS] AF4PS Report on the West FL QRP Club Meeting, Feb. 19, 2000 (long)  
by Macstein@aol.com
- 24) [63668] Re: Free Email and QRP-L  
by "Dan W. Dooley" <dandooley@pipeline.com>
- 25) [63669] Re: Portable Ant. for 40M Help  
by "Don Wilhelm" <w3fpr@arrl.net>
- 26) [63670] FWD: [CLUBS] AF4PS Report on the West FL QRP Club Meeting, Feb. 19, 2000 (long)  
by fred w2xn <w2xn@juno.com>
- 27) [63671] Re: Portable Ant. for 40M Help  
by aa5yx@juno.com
- 28) [63672] Re: Free Email and QRP-L  
by "Rod, N0RC" <n0rc@yahoo.com>
- 29) [63673] QRZ poll  
by "Rod, N0RC" <n0rc@yahoo.com>
- 30) [63674] Crystal needed  
by Richard S McKee <kc8aon@juno.com>
- 31) [63675] Phased Verticals Wire/Rope antennas  
by hamjoel@juno.com
- 32) [63676] Antenna suggestion  
by "J. Ervin Bates" <w8erv@email.msn.com>
- 33) [63677] Re: MFJ CUB....working FB!  
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
- 34) [63678] OT: ICQ TEST  
by "WB8QYY \ (DIZ\ ) Dieter Gentzow" <wb8qyy@one.net>
- 35) [63679] RE: Teflon / dummy load offer  
by James Skalski <jskalski@localnet.com>
- 36) [63680] Re: [secondclassopsclub] Antenna suggestion  
by "Pastor-kc1di" <ELBC@PIVOT.NET>
- 37) [63681] Cabeling Matrix  
by sherers@gate.net (Administrator)
- 38) [63682] FOR THE ATTENTION OF WV3T  
by "Andy GM0NWI" <Gm0nwi@tesco.net>
- 39) [63683] Re: Free Email and QRP-L  
by Jim Lowman <jmlowman@ix.netcom.com>
- 40) [63684] FS:GE 0-100 MA RF PANEL METER with REMOTE SENDER  
by "Lou (wb6lqd)" <humbar@pacbell.net>

- 41) [63685] FS:Rollon&Smith 0-1.5 DC Amp Meter  
by "Lou (wb6lqd)" <hummba@pacbell.net>
- 42) [63686] FS:WESTINGHOUSE 0-150 VAC PANEL METER  
by "Lou (wb6lqd)" <hummba@pacbell.net>
- 43) [63687] Re: Free Email and QRP-L  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 44) [63688] WTB: Good SW20 or SW40 w manual  
by joe lerch <joelerch@earthlink.net>
- 45) [63689] HB: SST Troubleshooting  
by Gary Slagel <gdslagel@yahoo.com>
- 46) [63690] A bag full of DX @ mW  
by Jim Hale <kj5tf@yahoo.com>
- 47) [63691] WANTED: Tentec 290 attenuator  
by "WB8QYY \ (DIZ\ ) Dieter Gentzow" <wb8qyy@one.net>
- 48) [63692] Milliwattting the DX INT. CW  
by osier <osier@northnet.org>
- 49) [63693] Re: Antenna suggestion  
by Rick McKee <kc8aon@juno.com>
- 50) [63694] [Antennas] Some Rules of Thumb for Beginners  
by "James R. Duffey" <jamesd1@flash.net>
- 51) [63695] [PROP] Short/Long Path  
by Joel Malman <malman@world.std.com>

-----  
Date: Sat, 19 Feb 2000 19:20:47 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <wb8rcr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [63645] Re: OT: CD-Rom  
Message-ID: <009e01bf7b38\$5e4aab00\$51d4fea9@dads-hp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I created a few coasters at work when I was first figuring out how to use my HP7100i. But that was compounded by the fact that EasyCD Creator was in the box with the CD-ROM but was NOT supposed to be shipped by HP for the 7000 series drives. No support.

I was about to buy it, when someone else ended up with Easy CD Creator 3.5b with something, and they ended up with 3 copies of it. He wanted the copy I had for an older (I think 5000) drive he had, so we swapped, now both of us were happy.

Then I bought a Mitsumi and it came with it in the box...

Anyway, once I got the original straightend out, I've not made a single coaster. (Knock wood!) And never a single coaster at home on my Mitsumi.

I used TDK then switched to maxell. And the Maxell are the ones \$18 for two boxes of 10 each. But the guy at work buys the 'spindles' because he PREFERS them without jewel cases. He buys the paper envelopes with mylar windows, or the vinyl things that clip into a three ring binder. The last couple spindles have been CompUSA, and while I've not made a dead one yet, when they are burnt it's sometimes tough to tell where they are burnt and where they aren't. And some of the no-name brands you can see through when you hold them to the light. But it's not what you see, it's what the laser can see....

Mike

>-----Original Message-----

>From: Mike Yetsko <myetsko@insydesw.com>

>

>

>>Must be a local thing. 'Spindles' of 50 blank CDR are about \$38

>>here. And Maxell CD-R74s in the jewel cases are two boxes

>>of ten each for a total of 20 blanks were \$18 earlier this week.

>

>

>Now that you mention it, I think I've seen the spindles for around a buck a

>CD or less, but I'm always looking for the jewel cases, so I sort of

>filtered those from my memory. I did pick up a package of 10 in jewel cases

>at Office Max or Staples or one of those for about \$12 a month or so ago,

>and was unable to write on a single one. Funny, too, these were a name

>brand, but not one I normally use (obviously). Most commonly I get white

>box CD's and after perhaps 100 or so have yet to find a single dud! I

>actually prefer the unbranded CD's - they come in a sturdier box for storing

>the backups and they have no printing on them.

>

>72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>

>didileydadidah QRP-L #1446 Code Warriors #35

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Date: Sat, 19 Feb 2000 12:21:52 -0700  
From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63646] MFJ CUB....working FB!  
Message-ID: <38AEED50.1900@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

The CUB continues to work GREAT! I have been working just about everyone I can hear in the contest this weekend. Have worked 2 JA's and even KL7Y!

In tuning it up I used my sons Guitar Tuner. I used it to not only help me set the BF0( abt 600 hz), but also to set the carrier offset to about the same 600 hz tone.

The "D" note is real close to 600 hz and the "C" note is closer to 500 hz.

Also, the VE3DNL signal generator got the Chebechev rec filters tuned up really nice and fast!

72, Tom WB5QYT..."Have spud will travel!"

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Date: Sat, 19 Feb 2000 19:30:12 EST  
From: N10DL@aol.com  
To: qrp-1@lehigh.edu  
Subject: [63647] New call?  
Message-ID: <1c.f5ce9d.25e08f94@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Just made contact with VV7X in the DXCC contest. I cannot find this call anywhere?

Does anyone know who this is, and where he is?  
He is now on 14.062.

-----  
Date: Sat, 19 Feb 2000 17:49:35 -0800  
From: "Doug Hendricks" <ki6ds@dospalos.org>  
To: <qrp-1@lehigh.edu>  
Subject: [63648] Construction: SST Schematic on the Web

Message-ID: <000201bf7b45\$51a6a9a0\$5bbdc03f@DougHendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Tom, the SST schematic has been published. It was in the spring 97 issue of QRPp. 1997 Back Issues of QRPp are still available, contact me if you are interested.

Also, the designer of the SST was Wayne Burdick, N6KR. His email address is n6kr@elecraft.com in case you would like to email him and ask why it is not on the web. 72, Doug, KI6DS

-----  
Date: Sat, 19 Feb 2000 14:28:02 -0000  
From: "Andy GM0NWI" <Gm0nwi@tesco.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [63649] HW8 Meter Needed...??  
Message-ID: <002c01bf7ae5\$87f8eb40\$3b408cd4@q1n3l2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey Guy`s....

Here I am again looking for that "devine intervention" that y'all seem to provide for me when the "searchin" get`s touch...

Just spent the last few day`s gettin` the beloved HW8 rig ready for a complete over haul (a long going saga if you`ve been followin` my "plea"] postin`s)....

The story is that I have been for a while now "ressurectin`" an old HW8 that I aquired some time back, it`s coming along "fine `n` dandy", as they say, I`ve had a fantastic amount of help from a great number of you guy`s here on the list, and I thank you all again so much, without you I would`nt be able to do this challenge....

I am by nature physically handicapped, confined to a wheelchair for mobility, and thus find it hard to get to all the "flea market`s" for those

harder to find "bargains" as regard componants etc...

I am at the moment in need of a replacement "signal meter" for my HW8, as I have now found to my dismay that the original one is not working at all...(any idea's on the cause guy's), so will need to be looking for a working one to get the challenge back on track..

So..if there is anything that YOU think you might be able to help me with on this one, please can you e-mail me direct to the address below.... I will as always, offer, to pay for any item's found and there subsequent shipping etc...

Thanks again for the bandwidth guy's..... SO MUCH appreciated by this here individual,  
I can tell ya, more than you can imagine, thanks for the patience too..... there no doubt WILL be more "pleas" to come..

72's de Andy GM0NWI  
Long Live QRP...!!

G-QRP No.9576

-----  
Date: Sat, 19 Feb 2000 14:32:17 -0000  
From: "Andy GM0NWI" <Gm0nwi@tesco.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [63650] FOR THE ATTENTION OF WV3T  
Message-ID: <003601bf7ae6\$203d0580\$3b408cd4@q1n3l2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Can you please get intouch with me friend...??

The HW9 WARC Band Module Handbook came today...??

Would like to talk to you about it..

72 de Andy GM0NWI  
"Long Live QRP!!"

-----  
Date: Sat, 19 Feb 2000 20:39:20 -0600  
From: lnrr@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [63651] Free Email and QRP-L  
Message-ID: <20000219.205410.-246953.2.lnrr@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Are there any good free email systems that don't require special programs (like Juno) or are not web based only (like Hotmail)?

I'm looking for something that would allow me to use a regular email program so I can use filtering. I'm getting tired of having to scroll through the digest to look for the nuggets of gold. Before I go the straight email route again on the list I want something that will allow me to filter out the people who have to post several messages a day, every day.

73 DE W8LN  
Bryan Turner  
<http://homestead.juno.com/lnrr/index.html>

Amtrak in the South Email List  
<http://amtraksouthwind.listbot.com>

-----  
Date: Sat, 19 Feb 2000 18:52:07 -0800 (PST)  
From: Ronnie Davis <ke4vpn@yahoo.com>  
To: QRL List <qrp-l@Lehigh.EDU>  
Subject: [63652] Portable Ant. for 40M Help  
Message-ID: <20000220025207.7225.qmail@web601.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hello im new to qrp and to cw, I just built a ZM-2 tuner to go portable with a 40 meter rig. problem is I dont have a clue how to make a good small backpack type antenna. I found some 20 awg coated wire at a good price in rolls of 65' and I hope to use it. Any help would be greatly appreciated. I want to build an ant. not buy one already made. I want my entire station to be homebuilt. Thanks for help 73 de ke4vpn

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Do You Yahoo!?



Talk to your friends online with Yahoo! Messenger.  
<http://im.yahoo.com>

-----  
Date: Sat, 19 Feb 2000 18:54:50 -0800 (PST)  
From: Ronnie Davis <ke4vpn@yahoo.com>  
To: QRL List <qrp-l@Lehigh.EDU>  
Subject: [63653] Need help with Code on the air  
Message-ID: <20000220025450.8529.qmail@web604.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hello

Anyone out there who needs to practice cw and build speed I will be glad to help you. Im new to cw and I need to work on my code on the air. My code is terrible, around 5-7 wpm but I have great desire. Let me know if you want to sked a contact or two. Im in NC and running qrp only. Thanks 73 de ke4vpn

-----  
Do You Yahoo!?  
Talk to your friends online with Yahoo! Messenger.  
<http://im.yahoo.com>

-----  
Date: Thu, 17 Feb 2000 20:09:22 -0700  
From: "Robert Armstrong" <barmstrong@sisna.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [63654] HW-9 FS  
Message-ID: <000101bf79bd\$8e9e92c0\$eab4d2d1@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The HW-9 plus WARC that I built and used extensively is languishing since I have a K2 and a Sierra and a set of SST's and ... well, you get the idea.

It is unmodified except for the addition of a twist-off fuse to rear panel. The top and bottom covers have some fine scratches, otherwise it looks great and works FB. Price includes all original manuals etc.

\$255, I ship CONUS.

Bob, N7XJ Utah

-----  
Date: Sat, 19 Feb 2000 08:19:22 +0000  
From: Roy <marion@montana.com>  
To: qrp-l@lehigh.edu  
Subject: [63655] SST RIT  
Message-ID: <200002200316.UAA04271@mail.montana.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

In case anyone was wondering, Dave Bensons RIT kit works excellent in a SST. I now have a 15mtr(moved from 20mtrs) from 21.032 to 21.062 coverage with ten turn pot, KC-1 keyer/counter and RIT. Great fun rig. 73 Roy AB7CE

-----  
Date: Sat, 19 Feb 2000 20:36:18 -0700  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-l@lehigh.edu  
Subject: [63656] Re: New call? vv7x  
Message-ID: <38AF6132.1E04896A@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I suspect that it is probably V47X, one of the Caribbean Islands -

--  
"The more I see of the representatives of the people,  
the more I admire my dogs."  
letter from Count d'Orsay to John Foster 1850

-----  
Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2  
(also w5xe@juno.com El Paso,(FAR WEST) TEXAS

-----  
Date: Sat, 19 Feb 2000 22:47:23 EST  
From: Shephed@aol.com  
To: qrp-l@lehigh.edu  
Subject: [63657] Re: Need help with Code on the air  
Message-ID: <2.11042df.25e0bdcb@aol.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 2/19/00 9:55:24 PM Eastern Standard Time, ke4vpn@yahoo.com writes:

> Hello  
> Anyone out there who needs to practice cw and build  
> speed I will be glad to help you. Im new to cw and I  
> need to work on my code on the air. My code is  
> terrible, around 5-7 wpm but I have great desire. Let  
> me know if you want to sked a contact or two. Im in NC  
> and running qrp only. Thanks 73 de ke4vpn

Hello Ronnie,  
First things first, there is no such thing as terrible code. (unless you've heard me run a bug)  
I'm free most evenings 8-10pm EST. Pick a time and place.

72, 73, oo's  
Dan, N8IE Kettering, Oh  
FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667  
<http://members.aol.com/shephed/n8ie.htm>

-----  
Date: Sat, 19 Feb 2000 22:50:42 EST  
From: N10DL@aol.com  
To: qrp-1@lehigh.edu  
Subject: [63658] DXCC being cut short...DARN  
Message-ID: <72.1a86c2f.25e0be92@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Boy am I stupid. (or very nice to my wife) I committed to go skiing tomorrow and will not be able to get on the air to get some more new countries. I sure could use them. I have decided to start to go for my WAC. this was a great start. In 2 hours I got the following DX countries...all new for me.

LA8W  
SK3W  
EA5DCL  
V47X (not VV7X)  
NP3G  
PY7IQ

That is the most DX I have worked in the last two years. She just does not understand ....Asked me when I was taking down the ISOTRON from the family

room and getting it out of site...(I'm not)  
Oh well...life goes on...Have fun tomorrow everyone, and get the rare one for  
me.....

(Just venting...) Really need to get my Extra to get to the low end of the  
band where all the DX is on normal days.

Aron

N10DL

Bedford, NH

-----  
Date: Sat, 19 Feb 2000 23:02:44 -0500  
From: Ed Kessler <edkess@epix.net>  
To: qrp-l@Lehigh.EDU  
Subject: [63659] Component Id Help  
Message-ID: <38AF6764.364DAE22@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Group:

I bought, for a great price, some RCA "cans" today at a hamfest.  
Could anyone direct me to some datasheets, schematics, or pinout  
configurations.

CA3028A -- I already know.

These are the ones I need help with:

CA3018

CA3005

CA3053

CA3076

CA3043

CA3015A

CA3011

Any help with these would be appreciated.

Thanks,  
ED AA3SJ

-----  
Date: Sat, 19 Feb 2000 23:59:46 EST  
From: Macstein@aol.com  
To: qrp-l@lehigh.edu  
Subject: [63660] [CLUBS] AF4PS Report on the West FL QRP Club Meeting, Feb. 19,

2000

(long)

Message-ID: <55.26078ca.25e0cec2@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

We had a pretty good group turn out! Our meeting had been delayed a week due to the big "Hamcantation" in Orlando last week. (Yes, I got to play with the ORIGINAL TunaTin2, but I PROMISE it wasn't me that messed up the transmit! It was Ed .... Honest!) We are looking forward to the upcoming Special Event so hopefully the ARRL Lab can resuscitate it.

The TARC club also had an "Antenna Committee" meeting going on, so it was everyone for themselves as far as doughnuts were concerned! Lots of new faces looking over the collection of QRP equipment, and the array of test instruments. The TBARS/TARC club is very active operating and in community service so something is going on there all the time. The more the merrier!

Fred, W2XN brought a friend (sorry, forgot name and call, but he was a nice guy!) whose wife had SURPRIZED him with a K2 for his birthday! (No, she didn't have any sisters.) Now it is very nicely built, complete with SSB module, so there were four of them lined up to get the filters aligned. (There are 8 or 10 of them in the club!) I brought a computer with the Spectrogram program loaded. If you haven't seen this program, you gotta download it and play with it. WOW!, tweaking the filters is a BREEZE with this thing! Very cool software.

Mike, KU4QU, brought his scope, Steve N30IE, brought his Freq. Counter and WONDERFUL HP signal generator, and the GURU's set up shop. This week the AF4PS project was my entry in the "World's Ugliest 2n2 Manhattan project". I had made three QSOs with it but it was still kinda deaf. Mike and Steve helped me figure out why. My theory was that I had messed up the phasing on the toroids (not the first time for that!), but this time I had the BFO WAY out of the bandpass filter range. (We STILL made that QSO Bob!!!!) Tweaking the trim caps couldn't be easier with the Spectrogram software! However, setting the transmit offset was a challenge with Mike calling a station in Slovenia or some-such country on the club's new Icom. (By the way, look for Mike's original Elmer 101 SW40+ to be featured in an upcoming issue of QST! More QRP on the way!)

There were other projects around in various stages of completion. Bobby Floyd, KD4HVD, had a TS140 that was definitely QRP -- lightning had taken the finals and much of the front end. It looked like I had taken a soldering iron to it! Bobby has made some neat portable keys with a leg strap. He's also nice enough to bring the keys to the building.

I saw a Digital VFO module, a Small Wonder Labs Freq. meter, dummy load

projects, Whiterook Keys, a Red Hot 20, NorCal40a, OHR rigs, and Steve was still GIVING AWAY some TiCK 3 chips donated by Embedded Research.

This time there were WAY too many folks for me to remember all the names, and who belongs to what stuff. These meetings offer hands on experience with all kinds of rigs and equipment. Each one for me is like sitting in on an EE-200 class! Mike and Steve REALLY are expert and helpful. Even when you heckle them! It offers the opportunity to "try before you buy", and get help with, or simply show and tell your latest project. If you are within driving distance, I hope you can join us next month. (Just drop me an email, so I can tell Steve to buy more doughnuts.)

72

-MAC-

AF4PS

A Proud Florida Swamp Rat, QRP-L #704, Whiners #5, and SOC #28 ...yada yada

-----  
Date: Sat, 19 Feb 2000 22:20:03 -0800  
From: Thomas Upton <stjohn@ocsnet.net>  
To: qrp-l@Lehigh.EDU  
Subject: [63661] OT Commodore Vic 20  
Message-ID: <38AF8792.FAA1D2BF@ocsnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I will gladly give this Computer to anyone who will pay postage.  
Includes Computer (which is contained in its keyboard), Power Supply,  
and Modulator for the Video. I got it for a buck today, and did that so  
the Ladies at their yard sale could get rid of it. Don't see why  
someone else can't just have it. Contact me personally. AD6N

-----  
Date: Sat, 19 Feb 2000 23:47:17 -0700  
From: "Rod, N0RC" <n0rc@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: "Randy Long" <w0avv@qsl.net>  
Subject: [63662] 49er questions  
Message-ID: <01d201bf7b6e\$6016f700\$c0101004@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks:

A friend of mine acquired a Rev B 49er, but it had no docs or board layout info. Can somebody help me/him out?

TIA

---

72/3 Rod, NØRC -- Fort Collins, CO

-----  
Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

-----  
Date: Sat, 19 Feb 2000 23:23:06 -0800 (PST)

From: Monte Stark <ku7y@dri.edu>

To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>

Subject: [63663] JA's on 160m

Message-ID: <Pine.GS0.4.10.10002192320310.21784-1000000@rotor.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

FYI;

\*\*\*\*\*

Japan gets additional 160-meter spectrum: Word via Rio, JA1JRK, is that starting April 1, amateurs in Japan will have access to 1810-1825 kHz.

Amateurs there previously have been restricted to 1907.5-1912.5 kHz.--Yosi, JA3AAW

\*\*\*\*\*

This will sure change the way 160m DXing happens!

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....

.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

-----

Date: Sun, 20 Feb 2000 06:15:25 EST  
From: Charles R Greene <cgreene7@juno.com>  
To: lnrr@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [63664] Re: Free Email and QRP-L  
Message-ID: <20000220.061857.-309285.0.cgreene7@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

On Sat, 19 Feb 2000 20:39:20 -0600 lnrr@juno.com writes:

If you use NetZero, you can use your own e-mail program. I don't know if you can receiver attachments or not.

> Are there any good free email systems that don't require special  
> programs  
> (like Juno) or are not web based only (like Hotmail)?  
>  
> I'm looking for something that would allow me to use a regular email  
> program so I can use filtering. I'm getting tired of having to  
> scroll  
> through the digest to look for the nuggets of gold. Before I go the  
> straight email route again on the list I want something that will  
> allow  
> me to filter out the people who have to post several messages a day,  
> every day.

Charles Greene  
Amateur Call W1CG  
Bristol, RI

-----

Date: Sun, 20 Feb 2000 06:15:08 -0800  
From: Dick Carroll <dixie@townsqsr.com>  
To: Macstein@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [63665] Re: [CLUBS] AF4PS Report on the West FL QRP Club Meeting, Feb. 19, 2000

(long)



Message-ID: <38AFF6EC.8B091DD8@townsqr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Macstein@aol.com wrote:

>

I brought a computer with the  
> Spectrogram program loaded. If you haven't seen this program, you gotta  
> download it and play with it. WOW!, tweaking the filters is a BREEZE with this  
> thing! Very cool software.

Where can we find the Spectrogram software to download?

Dick W0EX

-----  
Date: Sun, 20 Feb 2000 07:28:52 -0500  
From: "WB8QYY \((DIZ\) Dieter Gentzow" <wb8qyy@one.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [63666] PIC Programmer  
Message-ID: <000b01bf7b9e\$1e499050\$0202050a@4003>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anybody out there have a PICstart Plust programmer or other device to  
program PIC devices like the 16F84? Please email private TNX.

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"  
Loveland, Ohio - near Cincinnati; 39.218N - 84.305W  
SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493  
<http://w3.one.net/~gentzow/wb8qyy.htm>

-----  
Date: Sun, 20 Feb 2000 08:02:46 EST  
From: Macstein@aol.com  
To: dixie@townsqr.com  
Cc: qrp-1@lehigh.edu  
Subject: [63667] Re: [CLUBS] AF4PS Report on the West FL QRP Club Meeting, Feb.  
19,  
2000 (long)

Message-ID: <df.185c863.25e13ff6@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 2/20/00 7:22:57 AM Eastern Standard Time,  
dixie@townsqsr.com writes:

> Where can we find the Spectrogram software to download?

<http://www.monumental.com/rshorne/gramdl.html>

Here's the hyperlink: <A  
HREF="http://www.monumental.com/rshorne/gramdl.html"><http://www.monumental.com/rshorne/gramdl.html></A>

Sorry, I really should have included that info.

-MAC-  
AF4PS  
Odessa, FL

-----  
Date: Mon, 21 Feb 2000 07:21:43 -0600  
From: "Dan W. Dooley" <dandooley@pipeline.com>  
To: <cgreene7@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [63668] Re: Free Email and QRP-L  
Message-ID: <001901bf7c6e\$9bee5d80\$04987b7b@dooleydw>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My son used NetZero for awhile. I do believe it used the standard browsers and mail clients such as NetScape, Internet Explorer, Outlook Express, etc. That being the case, I don't see any reason why you should not be able to use one of the other mailers such as Pegasus, or what's the other one? Forgot the name of it, but believe it started with an "E" and was a good one too. They all should have filtering too. And yes, you can work with attachments. He dumped NetZero in short order.

BTW, besides being swamped with commercial messages - which would drive me batty in short order - he was having a lot of problems with his connections (being dropped frequently) and the inability to download larger files because the connections would be dropped.

Can't blame phone connections for that. It was in my house, on my phone

system where I NEVER have that problem. Can't compare NetZero with a class ISP like MindSpring. Sorry folks, I do appreciate the concern some will have over cost, but you get what you pay for. I'll continue to pay my \$20 per month for consistently good and reliable connections. I'm often on-line up to 120 hours per month (and I'm not playing games). No commercials, extremely rare busy sigs., Web page space, access from major cities around the country, etc. Besides ISPs like MindSpring (now merged with EarthLink), there are a lot of good providers out there for as little as \$10 per month. So I guess my point is - I don't see the point.

Nope, I don't work for MindSpring. Just a satisfied customer....

Ah! just thought of it "Eudora". The other e-mail client. Seems to me from past use - it's pretty good.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku

e-mail to: dandooley@pipeline.com

May Goddes love blest ye alle

SOC#198

"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: Charles R Greene <cgreene7@juno.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Sunday, February 20, 2000 5:15 AM

Subject: Re: Free Email and QRP-L

>

>

> On Sat, 19 Feb 2000 20:39:20 -0600 lnrr@juno.com writes:

>

> If you use NetZero, you can use your own e-mail

> program. I don't know if you can receiver attachments

> or not.

>

> > Are there any good free email systems that don't require special

> > programs

> > (like Juno) or are not web based only (like Hotmail)?

> >

> > I'm looking for something that would allow me to use a regular email

> > program so I can use filtering. I'm getting tired of having to

> > scroll

> > through the digest to look for the nuggets of gold. Before I go the

> > straight email route again on the list I want something that will

> > allow

> > me to filter out the people who have to post several messages a day,  
> > every day.  
> Charles Greene  
> Amateur Call W1CG  
> Bristol, RI

-----  
Date: Sun, 20 Feb 2000 08:13:21 -0500  
From: "Don Wilhelm" <w3fpr@arrl.net>  
To: <ke4vpn@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [63669] Re: Portable Ant. for 40M Help  
Message-ID: <009101bf7ba8\$61ece320\$c8103604@dbw11main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Based on the losses reported by Ed Loranger for teflon insulated wire on this list, I would recommend that you take 2 pieces of the 65 ft. wires and measure off 33.5 feet of each and tie a knot at that location, then twist the remaining length of wires for use as a feedline - maybe 2 to 3 twists per inch. Tie a hanging line at the center and at each of the loose ends so you can string it up as a horizontal wire or an inverted Vee depending on available supports.

OTOH, if your wire is not stranded, just make the flattop portion with your wire and use 4 strands of computer ribbon cable for the feedline, or use the ribbon cable for the entire antenna and save your wire for another project. See recent posts by Doug Hendricks and Ed Loranger for more info.

Have fun.

73,

Don Wilhelm -Chapel Hill, NC  
W3FPR QRP-L # 485 K2 SN 0020

----- Original Message -----

From: Ronnie Davis <ke4vpn@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Saturday, February 19, 2000 9:52 PM  
Subject: Portable Ant. for 40M Help

> Hello im new to qrp and to cw, I just built a ZM-2  
> tuner to go portable with a 40 meter rig. problem is I  
> dont have a clue how to make a good small backpack  
> type antenna. I found some 20 awg coated wire at a

> good price in rolls of 65' and I hope to use it. Any  
> help would be greatly appreciated. I want to build an  
> ant. not buy one already made. I want my entire  
> station to be homebuilt. Thanks for help 73 de ke4vpn  
> -----  
> Do You Yahoo!?  
> Talk to your friends online with Yahoo! Messenger.  
> <http://im.yahoo.com>  
>

-----  
NetZero - Defenders of the Free World  
Get your FREE Internet Access and Email at  
<http://www.netzero.net/download/index.html>

-----  
Date: Sun, 20 Feb 2000 09:20:15 -0500 (EST)  
From: fred w2xn <w2xn@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [63670] FWD: [CLUBS] AF4PS Report on the West FL QRP Club Meeting, Feb.  
19, 2000 (long)  
Message-ID: <382774981.951056415560.JavaMail.root@web28.pub01>  
Mime-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

>>Fred, W2XN brought a friend (sorry, forgot name and call, but >>he was a nice  
guy!) whose wife had SURPRIZED him with a K2 for >>his birthday! (No, she didn't  
have any sisters.) Now it is >>very nicely built, complete with SSB module, so  
there were >>four of them lined up to get the filters alligned.

My friend is Bert, KG2G, from Lakeland, who has been around ham radio for many  
years. He is a member of QCWA and the Lakeland Amateur Radio Club ( <http://www.qsl.net/k4lk1/> ), and usually operates QRO, and recently started playing with  
PSK-31. After Christmas he has operated almost 100% QRP. Now he's a happy QRP'r  
too. I wonder if his wife would talk to my wife and surprise me for my  
birthday....?????? Nawh, just me dreamin'again ????? Or would she ?????

Fred w2xn #1728 blah blah blah.....  
Lakeland, FL  
(another proud "Swamp Rat" )

-----  
Date: Sun, 20 Feb 2000 09:42:18 -0500

From: aa5yx@juno.com  
To: ke4vpn@yahoo.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [63671] Re: Portable Ant. for 40M Help  
Message-ID: <20000220.094219.4758.0.aa5yx@juno.com>

Hi Ronnie,

Adventure Radio Society recently posted an interesting article at:  
[http://www.natworld.com/ars/pages/back\\_issues/0200\\_text/tfa.html](http://www.natworld.com/ars/pages/back_issues/0200_text/tfa.html)

I have done a bit of backpacking too and have tried random wires, inverted L's, inverted V's and dipoles. I agree with Cam's statement in the ARS article that a dipole is tough to beat. No ground radials (mine always tangled anyway) are needed as with the random wire and inverted L and they don't even have to be that high off the ground in order to get good results.

My "field" dipole/inverted V is 20ga stranded wire, insulated. The insulation on each leg is a different color. This helps in case I have to untangle it. No insulators on the ends - just closeline rope that I use to haul it up with. The center insulator is a 2" x 4" piece of scrap plexiglass. I feed it with cheap Radio Shack 300 ohm twinlead, tune it with a ZM-2 and can use it on 20m if I want to. It goes up easy, comes down easy, tunes well, hears well and lets me easily work domestic and DX on 40 meters.

As an added "bonus," you can also use this antenna as a 1/4-wave vertical if you want to or have to: just leave the center insulator at ground level, throw one of the legs as high into a tree as possible and lay the other leg out as a ground radial. Feed point is still at the center insulator. It works much better as a dipole, but there are times when it's more convenient to configure the antenna as a ground-fed vertical, ie, when you're in a hurry because it's getting dark!

I have some info regarding backpacking with QRP on my page at the link below. Not too much there yet, but more is on the way.

72,

John Harper AA5YX/2  
HW-9, OHR-100A/20m, NC40A, SST/40, SST/30, DSW/20  
Outdoor QRP Page: <http://home.att.net/~j..harper>

On Sat, 19 Feb 2000 18:52:07 -0800 (PST) Ronnie Davis <ke4vpn@yahoo.com> writes:

>Hello im new to qrp and to cw, I just built a ZM-2

>tuner to go portable with a 40 meter rig. problem is I  
>dont have a clue how to make a good small backpack  
>type antenna.  
Thanks for help 73 de ke4vpn

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sun, 20 Feb 2000 08:34:29 -0700  
From: "Rod, N0RC" <n0rc@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [63672] Re: Free Email and QRP-L  
Message-ID: <008201bf7bb8\$1a7c0ec0\$9e101004@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks:

----- Original Message -----

From: Dan W. Dooley <dandooley@pipeline.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Monday, February 21, 2000 6:21 AM  
Subject: Re: Free Email and QRP-L

...

> have over cost, but you get what you pay for. I'll continue to pay  
my \$20  
> per month for consistently good and reliable connections. I'm often  
on-line  
> up to 120 hours per month (and I'm not playing games). No  
commercials,  
> extremely rare busy sigs., Web page space, access from major cities  
around  
....

Another ISP to consider is QSL.NET. Alan just started offering ISP  
service. Great service at a great price ~\$16/month. I've be using  
QSL.NET for about 2 months with excellent results. More details at:  
[www.qsl.net](http://www.qsl.net)

---

72/3 Rod, NØRC -- Fort Collins, CO

-----  
Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

-----  
Date: Sun, 20 Feb 2000 09:03:31 -0700

From: "Rod, NØRC" <n0rc@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [63673] QRZ poll

Message-ID: <037e01bf7bbc\$1a34cfc0\$9e101004@compaq>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Folks:

QRZ is running another "How much power do you use poll", time to stuff the ballot box again. ;-)

---

72/3 Rod, NØRC -- Fort Collins, CO

-----  
Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

-----  
Date: Sun, 20 Feb 2000 10:09:20 EST

From: Richard S McKee <kc8aon@juno.com>

To: qrp-l@Lehigh.EDU

Subject: [63674] Crystal needed

Message-ID: <20000220.110345.4391.3.kc8aon@juno.com>

Anyone have a 42.5 Mhz crystal in the HC-18/U package (plug in) ? Picked



up a nice Swan 100MX that doesn't have the CW portion of 10 meters but can be added with addition of that crystal. I know, this isn't a QRP rig but I am planning on setting it to 10 watts on SSB and it can be adjusted to less than one watt on CW. This is a very nice solid state rig that was made in the late 70's for those not familiar with it. Please email me direct about the crystal.

73...Rick McKee KC8AON { CW lives as long as I do ! }  
Willow Wood, Ohio "oo's"  
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33  
TriState BrassPounders # 1

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sun, 20 Feb 2000 11:46:19 -0500  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [63675] Phased Verticals Wire/Rope antennas  
Message-ID: <20000220.114620.-135783.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

High Y'all

Boy I done been a dummy heah... I been pro-waiting to finish an antenna project using three half wave verticals... 33ft of #12 wire... fed half wave apart by twin lead...with the ends of the feed line twisted soes the verticals are in phase with each and the other...

This morning it dawns on me that this is just a fancy bobtail curtain and I can just use wire as the phasing line and feed the center as a voltage point and get the same results...

What enlightenment comes with a quart of my cajun mama's "gator juice"...

Joel KE1LA

In Maine

trying to dig our his anchor ropes for his antenna... boy that sneaux is cold...

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sun, 20 Feb 2000 12:21:05 -0500  
From: "J. Ervin Bates" <w8erv@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,  
<secondclassopsclub@egroups.com>  
Subject: [63676] Antenna suggestion  
Message-ID: <00b401bf7bc6\$dede12a0\$0d2c113f@win98>

I'm looking for an antenna suggestion for a 20m QRP rig. I plan to take this to work and wondered if someone might know of a 3/8 24 thread vertical that I can use for 20m/QRP on my semi, without a HUGE expense. I have heard that you can get "band specific" antennas for mobile applications and figured this is the best place to start.

72,  
Erv W8ERV

HamFair2000 is coming...ask me about it!  
"Dare to Dream-It Sets Your Spirit Free!"

-----  
10-10# 70639 - QRP-ARCI# 9702 - SOC# 41  
QRP-L #1569 - NorCal Zombie #

-----  
Date: Sun, 20 Feb 2000 11:57:37 -0600  
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>  
To: <wb5qyt@eFortress.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [63677] Re: MFJ CUB....working FB!  
Message-ID: <00e401bf7bcb\$fa23f020\$883d0b3f@default>

That is a clever idea!

In tuning it up I used my sons Guitar Tuner. I used it to not only help  
>me set the BFO( abt 600 hz), but also to set the carrier offset to about  
>the same 600 hz tone.  
>The "D" note is real close to 600 hz and the "C" note is closer to 500  
>hz.

I have always said, "you learn more by accident on the QRP-L than you learn most places on purpose."

Mike in Minnesota

-----Original Message-----

From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Saturday, February 19, 2000 6:29 PM  
Subject: MFJ CUB....working FB!

>Gang,

>

>The CUB continues to work GREAT! I have been working just about everyone

>I can hear in the contest this weekend. Have worked 2 JA's and even

>KL7Y!

>

>>

>Also, the VE3DNL signal generator got the Chebechev rec filters tuned up  
>really nice and fast!

>

>72, Tom WB5QYT..."Have spud will travel!"

-----  
Date: Sun, 20 Feb 2000 13:22:32 -0500  
From: "WB8QYY \ (DIZ\ ) Dieter Gentzow" <wb8qyy@one.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [63678] OT: ICQ TEST  
Message-ID: <001b01bf7bcf\$88297bd0\$0202050a@4003>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Can someone help me test my ICQ?

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"  
Loveland, Ohio - near Cincinnati; 39.218N - 84.305W  
SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493  
ICQ 65019334 <http://w3.one.net/~gentzow/wb8qyy.htm>

-----

Date: Sun, 20 Feb 2000 13:25:05 -0500 (EST)  
From: James Skalski <jskalski@localnet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [63679] RE: Teflon / dummy load offer  
Message-ID: <Pine.LNX.4.20.0002201317220.796-100000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, I still have the tfe insulated wire offer.  
5 x 50' (250') assorted colors 22awg

plus 100' tfe  
plus 8 -100ohm 2W carbon composition resistors with instruction sheet,  
suggestions for making a 50 ohm qrp dummy load  
others have used the resistors for supplying a 50  
ohm load while tuning their antenna tuners.

The deal is still \$20 including shipping while supply lasts.

73,

Jim n2go

-----  
Date: Sun, 20 Feb 2000 13:44:04 -0500  
From: "Pastor-kc1di" <ELBC@PIVOT.NET>  
To: <secondclassopsclub@egroups.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [63680] Re: [secondclassopsclub] Antenna suggestion  
Message-ID: <001701bf7bd2\$773b8040\$0811a1d0@elbc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "J. Ervin Bates" <w8erv@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>;  
<secondclassopsclub@egroups.com>  
Sent: Sunday, February 20, 2000 12:21 PM  
Subject: [secondclassopsclub] Antenna suggestion

> I'm looking for an antenna suggestion for a 20m QRP rig. I plan to take  
> this to work and wondered if someone might know of a 3/8 24 thread  
vertical  
> that I can use for 20m/QRP on my semi, without a HUGE expense. I have  
heard  
> that you can get "band specific" antennas for mobile applications and  
> figured this is the best place to start.

>  
> 72,  
> Erv W8ERV  
>  
> HamFair2000 is coming...ask me about it!  
> "Dare to Dream-It Sets Your Spirit Free!"

> -----  
> 10-10# 70639 - QRP-ARCI# 9702 - SOC# 41  
> QRP-L #1569 - NorCal Zombie #  
>

Hi Erv,

I'd Look a the Ham stick antennas. they are quite reasonably priced and work  
quite well ..

73 dave

-----  
Date: Sun, 20 Feb 2000 19:16:50 GMT  
From: sherers@gate.net (Administrator)  
To: qrp-l@lehigh.edu, secondclassopsclub@egroups.com  
Subject: [63681] Cabeling Matrix  
Message-ID: <38b13cfd.46964311@mailhost.gate.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

Looking for an online cabeling matrix that lists cables by type and  
corresponding specifications, ie. Vf, impedance, daimeter etc.

thanks

Regards,  
KE4LJH  
Sebastian, Fl -80.49W 27.79N  
SOC #131 QRP-L #2131  
sherers@iname.com

-----  
Date: Sun, 20 Feb 2000 07:33:50 -0000  
From: "Andy GM0NWI" <Gm0nwi@tesco.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [63682] FOR THE ATTENTION OF WV3T  
Message-ID: <002101bf7b74\$d63ce100\$5b428cd4@q1n3l2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Can you please get intouch with me friend...??

The HW9 WARC Band Module Handbook came today..??

Would like to talk to you about it..

72 de Andy GM0NWI               gm0nwi@tesco.net

"Long Live QRP!!"  
GQRP No.9576

-----  
Date: Sun, 20 Feb 2000 11:54:59 -0800  
From: Jim Lowman <jmLowman@ix.netcom.com>  
To: dandoooley@pipeline.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [63683] Re: Free Email and QRP-L  
Message-ID: <38B04693.786A5F57@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Dan W. Dooley" wrote:

> Sorry folks, I do appreciate the concern some will  
> have over cost, but you get what you pay for. I'll continue to pay my \$20  
> per month for consistently good and reliable connections. I'm often on-line  
> up to 120 hours per month (and I'm not playing games). No commercials,  
> extremely rare busy sigs., Web page space, access from major cities around

> the country, etc. Besides ISPs like MindSpring (now merged with EarthLink),  
> there are a lot of good providers out there for as little as \$10 per month.  
> So I guess my point is - I don't see the point.

In some cases, going with Juno, Hotmail, Netzero or the other "freebie" providers makes the difference between hams being on the Internet or not.

I'd rather see as many as possible have at least e-mail capabilities.

With time, many will tire of the busy signals, dropped connections, commercials, slow response, lack of attachments, etc. and go with a "real" ISP.

I've had Netcom for several years now, going back to my original shell account. First they merged with Mindspring and then Mindspring and Earthlink merged. With the laptop, I can check my e-mail while traveling; even logged in from the hotel in Toronto.

> Ah! just thought of it "Eudora". The other e-mail client. Seems to me from  
> past use - it's pretty good.

I liked Eudora Pro, but now use Netscape Communicator 4.7. There are some features that I preferred in Eudora, but Netscape gives me access to the Web and to Usenet as well as e-mail.

72 de Jim - AD6CW

-----  
Date: Sun, 20 Feb 2000 12:10:41 -0800  
From: "Lou (wb6lqd)" <hummbar@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, forsale-swap@qth.net  
Subject: [63684] FS:GE 0-100 MA RF PANEL METER with REMOTE SENDER  
Message-ID: <38B04A40.EE5D8086@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

NEW OLD STOCK PERFECT CONDITION 0-100 MA RF PANEL METER. METER USES  
REMOTE SENDER TO MEASURE RF. SENSOR CAN BE MOUNTED AT RF SOURCE  
(ELIMANATING SHIELDING PROBLEMS)

Meter and Sensor Packaged in Original Sealed Box  
Template and Mouniting Screws Included  
Meter Face Size is 2 1/2" Mounting Hole Size is 2"  
PRICE \$10.00 Plus Postage \$3.50 Priority Mail USPS  
(United States Postal Service)

Pictures can be Viewed At:

<http://www.angelfire.com/ca2/k10e/GE100mAMPRF.jpg>

<http://www.angelfire.com/ca2/k10e/GE100mAMPRFsender.jpg>

Interested ? Please Respond By Email

73's.....Lou--WB6LQD

email - hummbar@pacbell.net

-----  
Date: Sun, 20 Feb 2000 12:10:50 -0800

From: "Lou (wb6lqd)" <hummbar@pacbell.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, forsale-swap@qth.net,  
Ham-BoatAnchors@UCSD.Edu

Subject: [63685] FS:Rollon&Smith 0-1.5 DC Amp Meter

Message-ID: <38B04A49.1B84B62D@pacbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

NEW OLD STOCK PERFECT CONDITION 0-1.5 DC AMPMETER

Meter comes in Original Box. Mounting Hardware included.

Meter Face is 3 1/2 " Round Flush Mount.

Mounting Hole Size is 2 3/4".

PRICE \$10.00 Plus Postage \$3.50 Priority Mail USPS  
(United StatesPostal Service)

Pictures can be Viewed At:

<http://www.angelfire.com/ca2/k10e/RS1.5dcAmp1.jpg>

<http://www.angelfire.com/ca2/k10e/RS1.5dcAmp.jpg>

Interested ? Please Respond By Email

73.....Lou wb6lqd

email---- hummbar@pacbell.net

-----  
Date: Sun, 20 Feb 2000 12:11:10 -0800

From: "Lou (wb6lqd)" <hummbar@pacbell.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, forsale-swap@qth.net,  
Ham-BoatAnchors@UCSD.Edu

Subject: [63686] FS:WESTINGHOUSE 0-150 VAC PANEL METER

Message-ID: <38B04A5D.F3B6D34C@pacbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii



Content-transfer-encoding: 7bit

NEW WESTINGHOUSE 0-150 VOLT AC PANEL METER MODEL HA-33  
Meter comes in Original Box. Mounting Hardware included  
Meter Face is 2 1/2 " Round Flush Mount  
Mounting Hole Size is 2 "  
PRICE \$12.50 Plus Postage \$3.50 Priority Mail USPS  
(United States Postal Service)

Pictures can be Viewed At:

<http://www.angelfire.com/ca/fisherfarms/WSHSE0150VAC.jpg>

Interested ? Please Respond By Email

73.....Lou wb6lqd  
email---- hummbar@pacbell.net

-----  
Date: Mon, 21 Feb 2000 08:13:46 +1100  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, second-class-ops  
<secondclassopsclub@egroups.com>  
Subject: [63687] Re: Free Email and QRP-L  
Message-ID: <38B0590A.35173E40@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Inrr@juno.com wrote:

> Are there any good free email systems that don't require special programs  
> (like Juno) or are not web based only (like Hotmail)?

I think it has been mentioned earlier that Alan Waller K3TKJ is offering a  
low cost National Internet Service Provider for amateur radio operators. Copy  
of recent mailing is posted here with Alan's permission.

<http://www.integritynet.com.au/~purdic/qs1-net.htm>

--

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E  
My FREE Newsletter:- <mailto:vk2tip@qs1.net?Subject=Subscribe>  
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"  
URL - <http://www.integritynet.com.au/~purdic/>

-----  
Date: Sun, 20 Feb 2000 16:59:36 -0500  
From: joe lerch <joelerch@earthlink.net>  
To: qrp-1@Lehigh.EDU  
Subject: [63688] WTB: Good SW20 or SW40 w manual  
Message-ID: <00022017053404.00430@->  
Content-Type: text/plain  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

Anyone have one for sale? (<http://www.smallwonderlabs.com>)

As you guessed, I am new. I had Kenwood Twins  
in the 80's, have nothing now. Qrp looks more  
interesting and less expensive way to get active  
again.

thanks in advance,

joe (KC3GV)

-----  
Date: Sun, 20 Feb 2000 14:12:16 -0800 (PST)  
From: Gary Slagel <gdslagel@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Cc: Keith Doughty <kdoughty@gwtc.net>  
Subject: [63689] HB: SST Troubleshooting  
Message-ID: <20000220221216.7610.qmail@web214.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

There once was a ham in a hurry to get started on the  
Spartan Sprint and reversed the polarity of the  
battery to his SST and fried something!!!!

I thought before I start in trouble shooting I'd send  
out a message and see if anyone has done this before  
(or if your not in the mood for a confession say your  
friend did it) who could point me right at the  
problem.

Any help!!!

Thanks a bunch in advance.

=====

Gary Slagel/N0SXX  
Conifer, CO 80433  
gdslagel@yahoo.com  
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

-----  
Do You Yahoo!?  
Talk to your friends online with Yahoo! Messenger.  
<http://im.yahoo.com>

-----  
Date: Sun, 20 Feb 2000 14:25:16 -0800 (PST)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [63690] A bag full of DX @ mW  
Message-ID: <20000220222516.20297.qmail@web702.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

As of midday Sunday about 20 new DX countries are in my logs. With 47 countries already confirmed, and a dozen QSL cards recently mailed out. I hope to have 100 confirmed for the ARCI mW DXCC award by years end.

The highlight of the contest was connecting with my friend Rumi in Bulgaria. LZ2RS/QRPp Rumi and I made a sked for Sunday & we hooked up on 10m and BOTH did the "QRP Limbo" down to 150mW. BTW, Rumi will be featured in my next Milliwatt Adventures column in ARCI QRP Quarterly. He seems highly infected with "milliwatt fever" like myself!

My equipment is K2 #702, Ten Tec 290 attenuator, & WM-2 QRP wattmeter. The 15/10M antenna is a 2 ele quad, & my wire half square on 20M.

Here's the list of new countries bagged.

YZ1U 220mW 10m  
ES2WX 220mW 10m  
Z32KV 700mW 10m  
CT1GFK 650mW 10m  
MD/DL3IO 150mW 10m

GM7R 400mW 15m  
GM4YXI 400mW 15m  
OH0B 400mW 15m  
RW2F 400mW 15m  
YU7BW 500mW 15m  
V47KP 300mW 20m  
9Y4VU 700mW 10m  
HC2SL 700mW 10m  
5N0w 700mW 15m  
GI0KOW 200mW 15m  
EI4DW 750mW 15m  
GM3POI 180mW 15m  
ZD8Z 700mW 15m  
HB2FAP 700mW 10m  
IS0GSR 500mW 10m  
V47X 650mW 15m  
JW5E 700mW 15m  
V49V 100mW 15m  
V31TP 500mW 20m

The solar index didnt look that great, but 10/15M was  
jam packed with EuroDX here in Arkansas.

72/71's de Jim KJ5TF  
"All milliwatts, All the time"

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Talk to your friends online with Yahoo! Messenger.  
<http://im.yahoo.com>

-----

Date: Sun, 20 Feb 2000 17:47:33 -0500  
From: "WB8QYY \ (DIZ\ ) Dieter Gentzow" <[wb8qyy@one.net](mailto:wb8qyy@one.net)>  
To: <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [63691] WANTED: Tentec 290 attenuator  
Message-ID: <003201bf7bf4\$8deab870\$0202050a@4003>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Anybody got an attenuator that will handle 5 watts RF?  
I'm looking to buy or trade

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"  
Loveland, Ohio - near Cincinnati; 39.218N - 84.305W  
SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493  
ICQ 65019334 <http://w3.one.net/~gentzow/wb8qyy.htm>

-----  
Date: Sun, 20 Feb 2000 18:08:23 -0500  
From: osier <osier@northnet.org>  
To: qrp-l@lehigh.edu  
Subject: [63692] Milliwatting the DX INT. CW  
Message-ID: <38B073E7.D5B47F89@northnet.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello All !!!!

Done with a exciting contest !!!  
44 "Q"s ..... 29 multipliers ...all with 90mW on 10 meters except 2  
.....OH3RR and HA2A with 35 mW !!!!!  
Checked the WM-1 several times in disbelief !!! (had the calibration  
checked last month)  
The Ten Tec Argo 509 and 10 meter Ringo worked GREAT !!!!  
Traffic above 28100 was minimal so had a LOT of wide open spaces !!!!  
LOVE QRPP !!!!!

73/72/74s

George , N2JNZ/QRP

-----  
Date: Sun, 20 Feb 2000 17:25:23 EST  
From: Rick McKee <kc8aon@juno.com>  
To: w8erv@email.msn.com, qrp-l@Lehigh.EDU  
Subject: [63693] Re: Antenna suggestion  
Message-ID: <20000220.180458.4391.0.kc8aon@juno.com>

Try a 20 meter Hamstick - under 20 bucks most places ! It has 3/8 x 24

thread base, helically wound fiberglas body with stainless steel stinger  
whip for adjustment. Length is about 7' and they are lightweight. Try  
Lakeview Co. Inc. 3620-9 Whitehall Road Anderson, SC 29626 Phone:  
864 225 4565

Email: hamstick@hamstick.com

On the Web: www.hamstick.com

Usual disclaimers apply !

73...Rick McKee KC8A0N { CW lives as long as I do ! }  
Willow Wood,Ohio "oo's"  
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33  
TriState BrassPounders # 1

On Sun, 20 Feb 2000 12:21:05 -0500 "J. Ervin Bates" <w8erv@email.msn.com>  
writes:

>I'm looking for an antenna suggestion for a 20m QRP rig. I plan to  
>take  
>this to work and wondered if someone might know of a 3/8 24 thread  
>vertical  
>that I can use for 20m/QRP on my semi, without a HUGE expense. I have  
>heard  
>that you can get "band specific" antennas for mobile applications and  
>figured this is the best place to start.

>

>72,

>Erv W8ERV

>

>HamFair2000 is coming...ask me about it!

>"Dare to Dream-It Sets Your Spirit Free!"

>-----

>10-10# 70639 - QRP-ARCI# 9702 - SOC# 41

>QRP-L #1569 - NorCal Zombie #

>

>

>

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

-----

Date: Sun, 20 Feb 2000 16:44:19 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: qrp-1@lehigh.edu  
Subject: [63694] [Antennas] Some Rules of Thumb for Beginners  
Message-ID: <200002202344.RAA01520@chupacabras.flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Every now and then somebody asks the list for antenna suggestions. Quite often these people asking are beginners who are afraid of making the wrong choice. In order to help QRPers choose antennas wisely I have compiled a few "rules of thumb". As with any rules of thumb, these are general and there are some exceptions to them. A few may be somewhat controversial and I am sure alternate views will be given by those with opposite views. However I intend these guidelines to point one in the right direction rather than providing a detailed map of what to do.

1. Any antenna is better than no antenna. Rather than agonizing over an antenna choice, just put one up and operate. After operating with it for a while you will become aware of your operating habits and the shortcomings of the antenna you have erected. That will give you some hints as to which direction you should go with another antenna. You can lose 1/2 of your power in poor antenna system efficiency and only be down an S unit or so. I hear lots of S9 QRP stations. They would still make fine QSOs at S8. I am not advocating antenna inefficiency, but you can live with it. It is better than no antenna at all.

2. Higher antennas generally out perform lower antennas. A vertical on the roof of a one story house is probably a better choice than one on the ground in the backyard. A dipole whose end is tied to a 5 or 10 ft mast on top of the house will out perform one whose end is merely fastened to the eave.

3. Most people will be happier with a low dipole than with a vertical. Verticals require a bit more attention to work effectively and beginners can become frustrated in dealing with ground issues.

4. It pretty much doesn't matter what kind of copper wire you use in an antenna. Thick or thin, insulated or bare, stranded or solid, they will all perform fairly well. Any effects due to these characteristics will be "second order". The old formula for cutting a half wave dipole,  $468/\text{frequency (in MHz)}$ , may be a bit different for various combinations, but this formula is only an approximation anyway.

5. Whatever antenna you chose, if it is fed with coaxial cable you should use a choke balun. This will prevent the feedline from becoming part of the antenna which can cause all sorts of problems. There are

many designs to choose from. My favorite is an air core balun wound from coax. These are described in the ARRL Handbook and in the ARRL Antenna Book. You don't have either? Then,

6. Purchase a Handbook or ARRL Antenna Book and study it. Antennas don't change much, so even an old copy of the Antenna Book will be very useful. These show up at Ham Fests occasionally. You can also special order ARRL publications from good bookstores.

7. Outdoor antennas perform better than indoor ones. If all you can erect is an indoor antenna, fine, but try to see if there is a way to get up an antenna outside. A thin wire supported an inch or more away from the building will be much better than one inside. If you can dangle a wire out a second story window, feed against a counterpoise, that will be a pretty good antenna.

8. Don't scrimp on feedline. Good, low-loss feedline does not cost much more than the antenna it is feeding.

9. Most single band antennas can be made into multiband antennas by feeding them with a balanced feeder like window line and using a tuner. This applies to loops as well as dipoles. For an inexpensive low loss tuner see Cecil's method of changing the feed line length to achieve a match:

<http://www.geocities.com/CapeCanaveral/8476/>

10. If you have antenna restrictions consider a temporary antenna. The SD-20 Blackwidow Crappie Pole can be erected with a wire of choice to make a vertical in a matter of seconds. With a few radials or a chain link fence as a ground, this can give a good account of itself. If somebody complains about it take it down and next time erect it where they can't see it.

11. Consider your operating practices in choosing an antenna. If you can only operate in the evening, then even a high 10 M antenna will not provide you with much operating time. The band will usually be dead after sunset. On the other hand, a 40 M dipole will provide you with a number of contacts late into most evenings. It can also be used on 15 M for those occasions when you can operate during the day.

12. Avoid the temptation to "have it all". Multiband antennas are often attractive to new comers. So are electrically "small" antennas. They are by necessity compromises, and usually don't work as well as single band antennas. I suggest erecting a single band dipole and using it for a while. As you get used to operating or have desires to try out other bands you can erect another antenna, or feed the one you have (if it is a dipole) with ladder line for multiband use. You can build and feed a



lot of single band dipoles for the price of an R-7000!!

13. Homemade antennas are better than commercial ones. Ask anyone on the list who has built one!!

I hope that someone finds this useful. See ou on hte air. - Dr.  
Megacycle KK6MC/5

James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

-----  
Date: Sun, 20 Feb 2000 18:56:47 -0500 (EST)  
From: Joel Malman <malman@world.std.com>  
To: qrp-l@Lehigh.EDU  
Cc: k1qm@world.std.com  
Subject: [63695] [PROP] Short/Long Path  
Message-ID: <200002202356.SAA05705@world.std.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Folks,

Around here in New England I can hear JA pretty easy. The WW contest made it pretty easy to work JA (5NN KW / 5NN MA).... I worked about 10 nice JA stations (all running from 100 to 1 KW) on 15 meters.

But my question is 'by which path' is my QRP signal going? All I have is a dipole, up in the woods, not very high not really directional and with no gain! So my question is, what is:

Short path: Over the North Pole from JA to New England?

Long Path: Probably JA through S.Africa North the New England.

My guess is the short path is

--  
/joel K1QM (Queen Mary) Concord, Massachusetts  
QRP-L #337, QRP-ARCI #9305, MI-QRP 1641, SOC #42

-----  
End of QRP-L Digest 1737

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